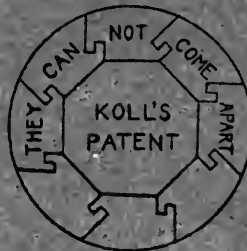




Hartmann-Sanders Company

SOLE MANUFACTURERS
OF

KOLL'S PATENT



LOCK-JOINT COLUMNS

Chicago New York
U. S. A.

The
Winterthur
Library

HARTMANN-SANDERS CO.

6 EAST 37th STREET, N. Y.

Tel. Murray 1111 3743

Price List and Catalogue 40

1913—THIRD EDITION

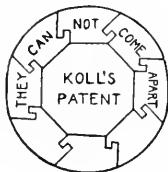
Hartmann-Sanders Company

Elston and Webster Avenues, Chicago, Ill.

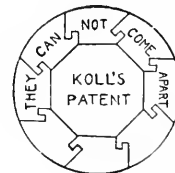
New York Office: 1123 Broadway
Telephone 1682 Madison

Pacific Coast: A. J. Koll Planing Mill Co.
Los Angeles, Cal.

Manufacturers of



Koll's Patent Lock-Joint Staved and Turned Columns



We Are the Originators of the Lock-Joint Stave

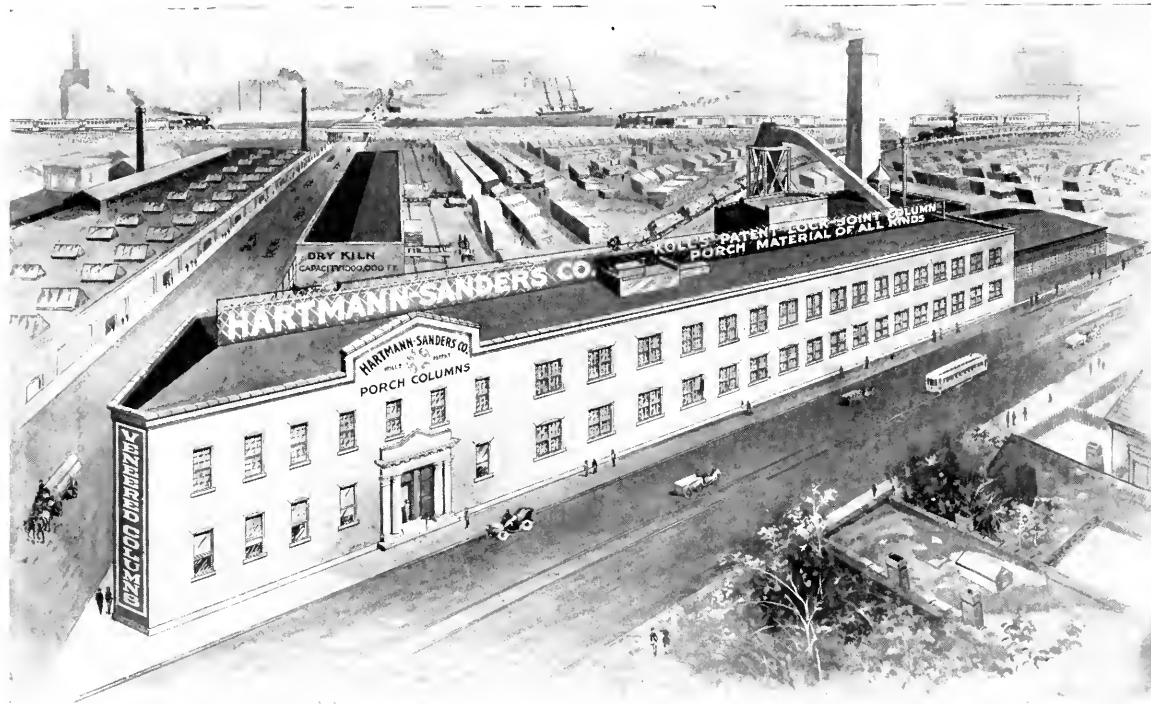
Koll's Patent Columns Cannot Come Apart

We Guarantee All Our Work

Architects' Edition

Copyright 1913, by Hartmann-Sanders Company

The Home of the Koll Patent Lock-Joint Column



OWING to the destruction by fire of the Eastern factory of Hartmann Bros. Mfg. Co., at Mt. Vernon, N. Y., in 1907, the column and porch material business of that Company was transferred to the Western factory at Chicago, Ill., operated by the firm of Henry Sanders Co., at Elston and Webster Avenues, and a consolidation of interests effected. The name of the new Company is Hartmann-Sanders Co., location, Elston and Webster Avenues, Chicago, Ill. New York office, 1123 Broadway.

This company has built, for its own use, the largest factory building in the world, devoted exclusively to this class of work, and with our present capacity of over 40,000 square feet of floor space and equipped with the most modern machinery of our own design, we are in position to furnish columns that are absolutely correct, both architecturally and mechanically, in the shortest possible time. A modern dry kiln with 1,000,000 feet capacity per month insures the proper seasoning of all lumber entering into construction of our product.

With sixteen years of experience behind us, we have been able to perfect the organization of the various departments of our factory, so that the different parts of the work are done by men particularly trained in correct column construction, both from a mechanical as well as architectural view point. With this perfect organization and the unequalled equipment of our plant we can make good all promises of shipment, both large and small, that we make when the orders are placed with us.

PRODUCTS.

We are the exclusive manufacturers of Koll's Patent Lock-Joint Porch columns (Wood). We also manufacture Hardwood Staved and Veneered Columns, also a complete line of Composition Ornamental (Staff) Capitals. We make all styles of pilasters and Square Columns, to match; also Sun Dial Pedestals, Pergolas, Garden Furniture and Porch Trim.

THE LOCK-JOINT STAVE.

We are the originators of the Lock-Joint Stave. "Koll's Patent Columns can not come apart." We guarantee all our work.

**OUR PATENT
1904 CORRECT
ENTASIS.**

Correct Entasis Secured in Forming Stave Itself—All columns manufactured under Koll Patents are made in our own factory, every shaft being turned in the lathe, thereby permitting the proper entasis to be secured. The staves are straight one-third and swell-tapered upper two-thirds, so that when shaft is formed the correct entasis is obtained in the rough, securing enough stock top and bottom of shaft to permit our turning to proper detail and for fluting and to from top and bottom "turnout" and neck moulding, if any is called for, on the shaft itself without cutting too close to joint. These points of construction will be appreciated by the architect, but are found lacking in many so-called "lock-joint" staved columns now on the market.

**ARCHITECTS'
DETAILS.**

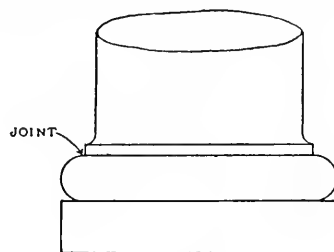
We make no extra charge for turning columns to your details; but in the absence of details, we make columns to conform accurately to the usual orders of architecture, as shown by the various cuts in this catalogue.

**STOPPING
FLUTES.**

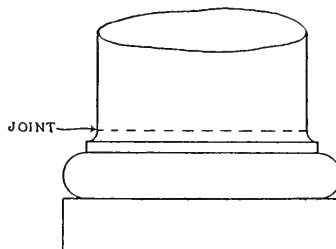
We stop all flutes properly, by means of an attachment to our machines, at a comparatively low cost; the expense of doing this part of the work by hand accounts for its absence on many columns being offered to the trade and on others now in use, an omission that is fatal to the proper architectural effect. We are prepared to furnish columns with any style of fluting or reeding desired.

THICKNESS OF STOCK

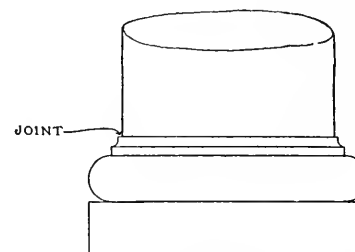
As the price of a column is regulated largely by the amount and kind of lumber that enters into its construction, it is very important to state the thickness of stock of which you wish the columns made. Our many years' experience as specialists in column construction has demonstrated to us that the thickness of stock for the various sizes as called for in the following table provides enough material to properly carry out the architectural detail and afford sufficient strength. Should an unusual load be placed on the column, they can easily be reinforced by inserting a timber or iron column.



Style A



Style B



Style C

With Cove on Shaft like Style A

	2" Stock	2½" Stock	3" Stock	4" Stock
Plain Shaft	up to 18"	19" to 22"	23" to 30"	31" and up
Ionic Fluted	up to 16"	17" to 19"	20" to 27"	28" and up
Doric Fluted, No. 195.....	up to 20"	21" to 28"	29" to 39"	40" and up

(With No Cove at Bottom of Shaft)

Cove Planted on like B, or made a Base Member like C

	2" Stock	2½" Stock	3" Stock	4" Stock
Plain Shaft	up to 22"	23" to 30"	31" to 40"	41" and up
Ionic Fluted	up to 20"	21" to 28"	29" to 38"	39" and up

Before ordering columns, it would be well to examine your detail closely and note if the cove is to be part of the shaft or if this can be planted on.

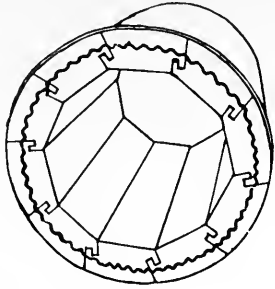
We can make the column either way, but of course, will have to be guided by what your specifications and details call for.

IRON AND CEMENT PLINTHS

Where columns rest on cement or brick floors we recommend the use of iron or cement plinths. We are prepared to furnish these in all sizes.

PRICE ON LARGE COLUMNS

Owing to the many conditions which affect the cost on larger columns, than shown in this catalogue, we do not deem it advisable and practical to issue a price list on the same, but will cheerfully quote prices on application. We make columns up to 54 inches in diameter and proportionate length.

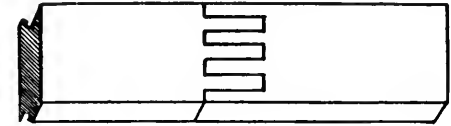


STEEL REINFORCEMENT

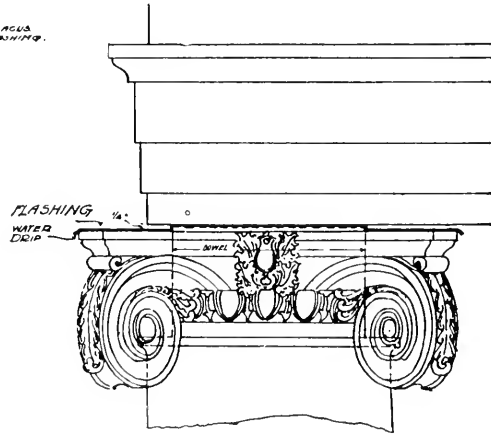
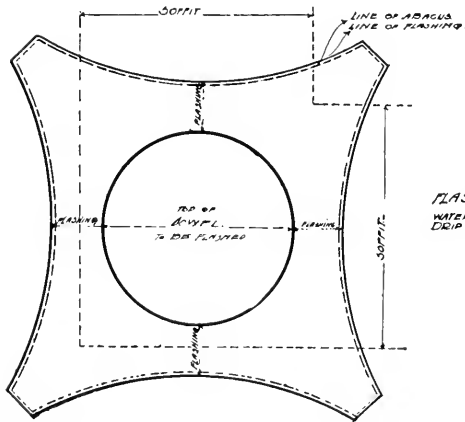
We apply a Corrugated Steel Band or Ferrule Reinforcement, as illustrated, to the bottom end of all Doric Columns that have no base. This is a very valuable feature in this type of column, owing to the absence of the base, which permits the water to run under the column unless it is scribed very closely to porch floor. The steel band, while adding considerable strength to the shaft, permits of some flexibility so that not much injury can be done by moisture that may be absorbed. We also add this reinforcement to both ends of large column shafts.

SPLICE JOINT

In addition to the perfect lock joint we use to unite the staves of the columns together, we have devised a joint to splice the butts of the staves if the length of columns calls for material longer than can be secured in one piece. It is practically impossible to make a tight butt joint without this splice. These joints are put together with screw pressure and hot glue. These added features make our column mechanically perfect.

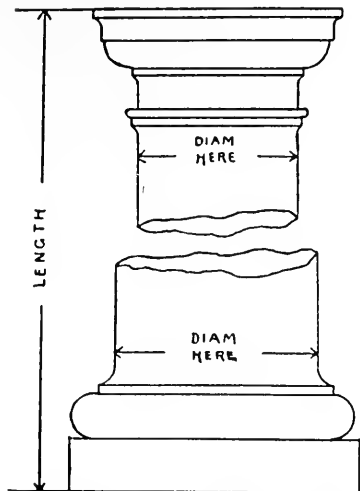


FLASHING OF COMPOSITION CAPS



We show an Ornamental Capital herewith with the proper Flashing applied. This feature is so frequently omitted that we considered it wise to call attention to it in this way. If the entire top of the cap is not covered with this flashing of sheet lead or copper, the water that strikes the cornice or fascia is bound to run down and into the cap, effecting its ultimate disintegration, as well as subjecting the inside of the column to unnecessary moisture that might cause the swelling of the material, which is, of course, undesirable. We would strongly urge the architect to see that this very important matter is not overlooked in the specifications.

INSTRUCTIONS FOR ORDERING COLUMNS AND PILASTERS



Showing where measurements of columns should be taken

Our great difficulty has been to properly interpret the wants and the requirements of our customers, owing to the very meagre information we usually receive, particularly as to the exact number required, thickness and kind of stock, style of caps and bases, etc., and we would earnestly request that you give the following instructions very thorough consideration.

When ordering columns from our catalog give quantity wanted and size at largest and smallest diameter of shaft, and length overall. State if for interior or exterior use.

A glance at the cut opposite will show where measurements are usually taken.

You will be safe in using our catalog numbers. All our details are carefully planned from the dimensions given by the approved authorities, but we make no extra charge for following your detail, if similar to any of the designs shown in our catalog.

When ordering pilasters to match columns, give dimensions at top as well as bottom of shaft, or state whether width is to be equal to the largest or smallest diameter of the column, or if they are to have the mean diameter of column shaft or if they are to have the same taper as the columns. This, you will note, makes four ways of making square columns and pilasters, and unless we know what is wanted, we cannot enter the order. Give also depth of return.

Refer to line drawing of sections of columns and pilasters below when ordering.

We prime all exterior and interior columns (unless made of hard woods) one coat of lead and oil unless otherwise notified. As interior columns are often stained, this would cause trouble, so that you ought to state in your order if you wish them primed or not. We make no extra charge for priming.

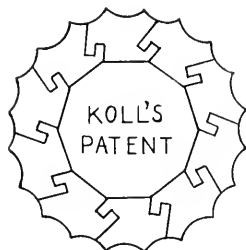
We waterproof the inside of all columns and pilasters 14" and up with a special waterproofing compound.

When composition caps are to be used we furnish without extra cost suitable wood dowels with columns to carry the weight of the overhead work.

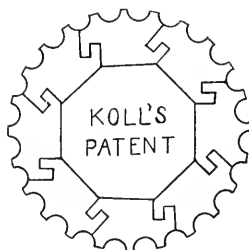
State where and to whom you wish shipment to be sent; also whom you desire to have notified of shipment.

We will promptly furnish estimate on pilasters, pedestals, balustrades and cornices according to architect's drawings and full-size details.

See page 44 for instructions for ordering Composition Capitals.



Section showing fluting on 215, 215%, 195, 195%



Section showing fluting on all other Columns shown in Catalogue



Sections of Columns and Pilasters

TERMS

1. We make no charge for boxing or cartage.
2. As we pack goods with the greatest care, we are not responsible for breakage or loss in transit, our bill being guarantee of good order when shipped, also that number of packages called for were forwarded. **All shortage should be noted on freight bill and any damage of breakage noted by agent on the same, before payment is made.** We will help customers to sustain damage claims if fully informed as to the loss.
3. In the absence of the usual commercial rating, send us check or satisfactory references with your first order, else the order may have to wait until we determine what credit your financial standing entitles you to.
4. Thirty days net or two per cent discount for cash, ten days from date of invoice. Where prices are made delivered, freight charges are first to be deducted.
5. Prices subject to change without notice.

GUARANTEE

All our work is guaranteed as to material, workmanship and durability, with the understanding that the goods will have intelligent care after they leave our possession.

You can avoid unnecessary trouble by seeing that columns are not stored on the ground or elsewhere without sufficient protection both under and over them until they are put in place, also that the proper flashing is applied to the capitals (See Page 5), and the columns and capitals properly painted as soon as practicable. Do not rely on the priming to protect them indefinitely.

We don't believe in making our columns as good as anyone else, but try to make them better.

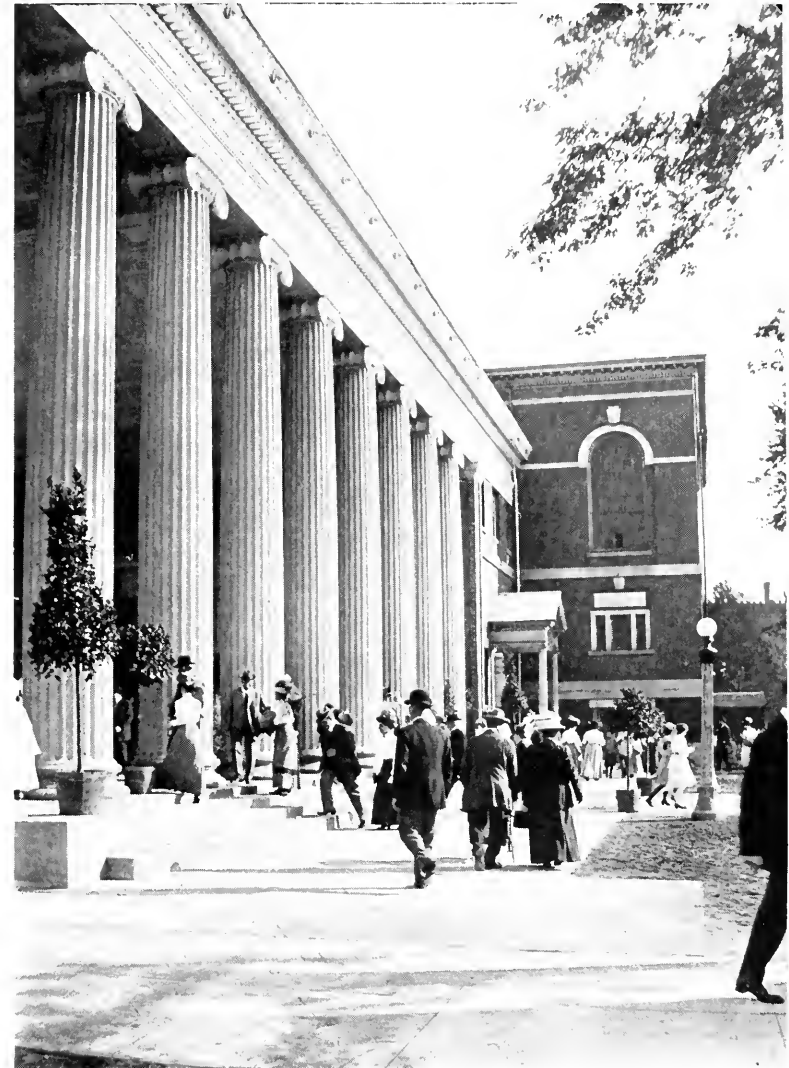


Six Columns 32 inches diameter, 28 feet long. Women's Building, University of Illinois.
W. Carlyn Zimmerman, Archt.

Others may have a dozen interests. We have one; naturally we should know considerable about wood columns.



Four Columns 30 inches diameter, design No. 215.
South Norwalk City Hall, South Norwalk, Conn.
Joel D. Barber, Architect.



Sixteen Columns 40 inches diameter, 26 feet long on The Peristyle.
City Park, Rochester.
Gordon & Madden, Archts.



First Congregational Church, Danbury, Conn.
Howells & Stokes, Archts.



Old Lyme Church, Old Lyme, Conn.
Ernest Green, Archt.

*Our success is a constant temptation to others to copy our product as closely as their limited experience will permit.
The merits of our goods have been a great factor in the growth of our business.*



Installation of eight Corinthian Columns, our design No. 255, 20 in. diameter, 15 ft. long,
in a Presbyterian Church at St. Joseph, Mo.
The Pilasters were also furnished by us.



We have specialized in column construction for sixteen years and have the largest factory building of its kind in the world devoted exclusively to column and porch work.

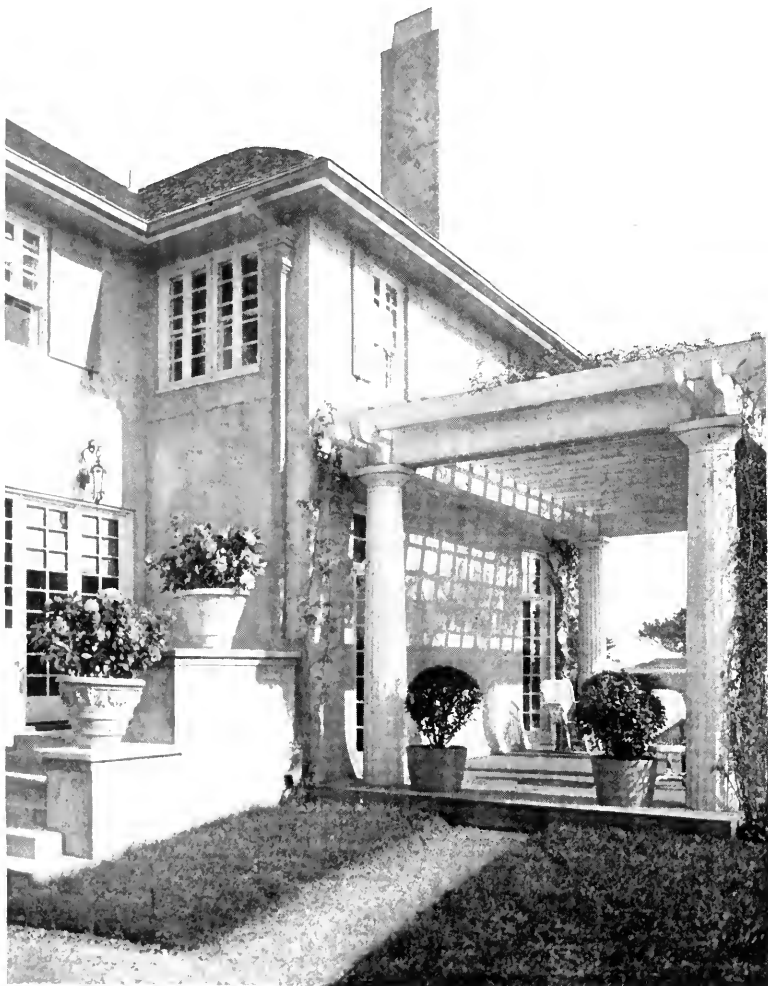


Six Columns 30 inches diameter, 25 feet long, square posts and pilasters.
Residence of Wm. A. Read, White Plains, N. Y.
Donn & Barber, Archts.

*If you do not wish to buy "experience," insist on having "Koll's Patent" Lock Joint columns.
We not only talk quality, but we deliver it.*



16 Columns, 30 inches diameter. Residence at Lake Geneva.
Satpley, Rutan & Cooledge, Architects.



E. T. Cockcroft Residence, East Hampton, L. I., N. Y.
Albro & Lindeberg, Archts.



Dow Residence, Rhinebeck, N. Y.
Albro & Lindeberg, Archts.



Four Columns 30 inches diameter, 20 feet long, Six Columns 16 inches diameter, 10 feet long, Greek Doric.
Miss Hill's Residence, Baton Rouge, La.
Favrot & Livaudais, Archts.

Over 85% of our business is done with concerns located from five hundred to five thousand miles away, showing how perfect is our organization for handling long range business.



Four Columns, 40½ inches diameter, 33 feet 10 inches long.
Allenhurst Club, Allenhurst, New Jersey.
Geo. A. Freeman and Francis Geo. Hasselman, Archts.

To insure quality, specify Koll's Patent Columns. About 50% of our business last year came to us through architects' specifications.



"Shadow Lawn," former residence of John A. McCall, Long Branch, N. J.
Henry Edward Creiger, Architect, N. Y.
20-36 inch, 40-20 inch, 2-28 inch. 4-24 inch, 32-16 inch, and 4-20 inch columns.

A permanent business is founded on a permanent customer. Our order books show forty repeat orders from one firm last year.



W. F. Felton's residence, Chicago. 4-22 inch columns.

Repeat orders are powerful testimonials and are stronger than mere claims.



Residence of Mr. S. P. Shotter, Savannah, Ga.
Ingle & Almirall (in liq.), Architects. R. F. Almirall, N. Y.



W. T. Jay, Residence, Audobon Place, New Orleans, La.
Toledano & Wogan, Architects.

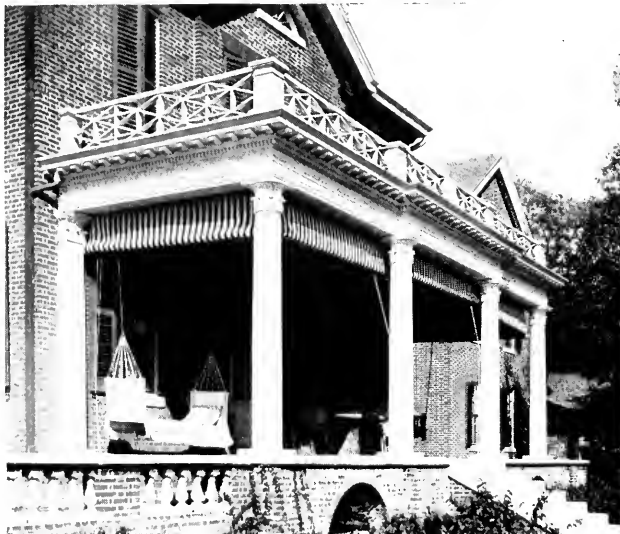


Residence of Daniel Guggenheim, Long Branch, N. J.
Carrere & Hastings, Architects.



Sixteen Columns 28 inches diameter, 12 feet long, Greek Doric.
Our design No. 195.

Garden City Estate, Long Island, N. Y.
Hon. Timothy Woodruff, Owner. Wm. Augusts Allen, Architect.



A Veranda with "Tower of the Wind" Columns and
Roman Corinthian Cornice.



Twenty-eight Columns 12 inches diameter, 8 feet 6 inches long,
Design No. 240.

Mr. Edward Wren's Residence, Rockaway, N. Y.
Wm. N. Smith, Architect.

*Our columns are never built to "meet price" but to fill a want.
Don't get away from the fact that a cheaper column is a cheapened column.*



An Interior.



Four 36 inch diameter Mahogany Columns in the Waiting Room
of the Lake Shore Passenger Depot, Chicago, Ill.



160



170

Nos. 160 and 170
OCTAGON COLUMN SQUARE COLUMN

With Ornamental Pendants

LENGTH

Dia.	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'
6"	5.00	5.71	6.30	6.90	7.53	.....	.....	.....	.....	.....	.....
7"	5.71	6.66	7.30	8.09	8.80	.....	.....	.....	.....	.....	.....
8"	7.22	8.33	9.52	10.47	11.66	.....	.....	.....	.....	.....	.....
9"	8.80	9.92	11.35	12.70	13.80	.....	.....	.....	.....	.....	.....
10"	10.00	11.42	13.09	14.40	15.71	.....	.....	.....	.....	.....	.....
11"	11.03	12.62	14.12	15.71	17.30	18.88	20.47	.....	.....	.....	.....
12"	11.58	13.65	15.15	16.66	18.25	19.84	21.42	.....	.....	.....	.....
13"	13.09	14.68	16.34	18.01	19.60	21.19	22.85	24.44	26.11	.....	.....
14"	14.84	16.58	18.41	20.15	21.98	23.80	25.39	27.00	29.04	.....	.....
15"	16.03	17.85	19.52	21.30	23.17	25.00	26.74	28.57	30.31	32.06	33.88
16"	17.22	19.20	21.42	23.33	25.39	27.53	29.68	31.74	33.88	35.87	37.93

No. 175—PANELED SQUARE COLUMN

LENGTH

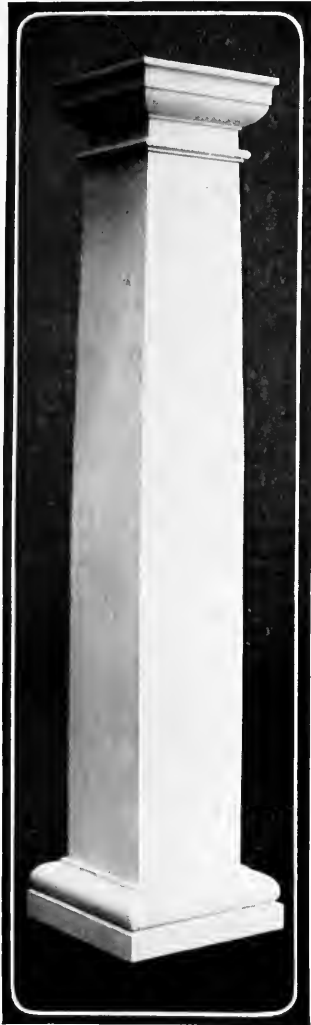
Dia.	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'
6"	6.11	6.74	7.30	8.00	8.80	.....	.....	.....	.....	.....	.....
7"	6.90	7.69	8.49	9.20	10.07	.....	.....	.....	.....	.....	.....
8"	8.55	9.60	10.63	11.90	13.01	.....	.....	.....	.....	.....	.....
9"	10.15	11.27	12.70	13.80	15.07	.....	.....	.....	.....	.....	.....
10"	11.35	12.62	13.96	15.39	16.98	.....	.....	.....	.....	.....	.....
11"	12.38	13.88	15.39	16.98	18.57	20.31	22.22	.....	.....	.....	.....
12"	13.33	15.07	16.50	17.93	19.68	21.19	23.01	.....	.....	.....	.....
13"	15.07	16.50	18.01	19.84	21.42	23.01	24.60	26.50	27.93	.....	.....
14"	16.66	18.25	19.92	21.50	23.17	24.76	26.34	28.01	30.00	.....	.....
15"	18.25	19.84	21.42	23.01	24.60	26.50	28.01	29.86	31.74	33.33	35.71
16"	19.84	21.82	23.76	25.71	27.38	29.36	31.34	33.33	35.31	36.90	38.88

Square Columns from 6 in. to 10 in. made from 1¼-in. stock.
 Square Columns from 11 in. to 18 in. made from 1½-in. stock.
 Square Columns from 19 in. and over made from 2 -in. stock.



175

Modern designs in Square Columns, particularly well adapted to the more recent styles of architecture.
 Above prices subject to discount.



180

No. 180—SQUARE COLUMN

LENGTH

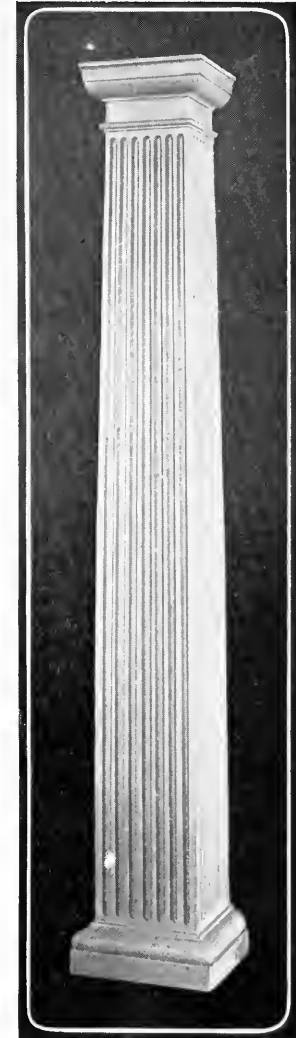
Dia.	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'
6"	4.52	5.16	5.71	6.27	6.82	.....	.....	.....	.....	.....	.....
7"	5.16	5.87	6.58	7.30	8.01	.....	.....	.....	.....	.....	.....
8"	6.58	7.53	8.57	9.52	10.55	.....	.....	.....	.....	.....	.....
9"	8.01	9.12	10.31	11.42	12.54	.....	.....	.....	.....	.....	.....
10"	9.12	10.39	11.74	13.01	14.28	.....	.....	.....	.....	.....	.....
11"	10.00	11.42	12.85	14.28	15.71	17.14	18.57	.....	.....	.....	.....
12"	10.55	12.30	13.73	15.15	16.58	18.01	19.44	.....	.....	.....	.....
13"	11.90	13.33	14.84	16.34	17.77	19.28	20.79	22.22	23.73	.....	.....
14"	13.49	15.07	16.74	18.33	20.00	21.58	23.17	24.84	26.42	.....	.....
15"	14.60	16.19	17.77	19.44	21.03	22.69	24.28	25.95	27.54	29.20	30.79
16"	15.63	17.54	19.44	21.35	23.17	25.07	26.98	28.88	30.79	32.61	34.52

No. 185—SQUARE COLUMN
(Fluted)

LENGTH

Dia.	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'
6"	6.11	6.74	7.30	8.00	8.80	.....	.....	.....	.....	.....	.....
7"	6.90	7.69	8.49	9.20	10.07	.....	.....	.....	.....	.....	.....
8"	8.55	9.60	10.63	11.90	13.01	.....	.....	.....	.....	.....	.....
9"	10.15	11.27	12.70	13.80	15.07	.....	.....	.....	.....	.....	.....
10"	11.35	12.62	13.96	15.39	16.98	.....	.....	.....	.....	.....	.....
11"	12.38	13.88	15.39	16.98	18.57	20.31	22.22	.....	.....	.....	.....
12"	13.33	15.07	16.50	17.93	19.68	21.19	23.01	.....	.....	.....	.....
13"	15.07	16.50	18.01	19.84	21.42	23.01	24.60	26.50	27.93	.....	.....
14"	16.66	18.25	19.92	21.50	23.17	24.76	26.34	28.01	30.00	.....	.....
15"	18.25	19.84	21.42	23.01	24.60	26.50	28.01	29.86	31.74	33.33	35.71
16"	19.84	21.82	23.76	25.71	27.38	29.36	31.34	33.33	35.31	36.90	38.88

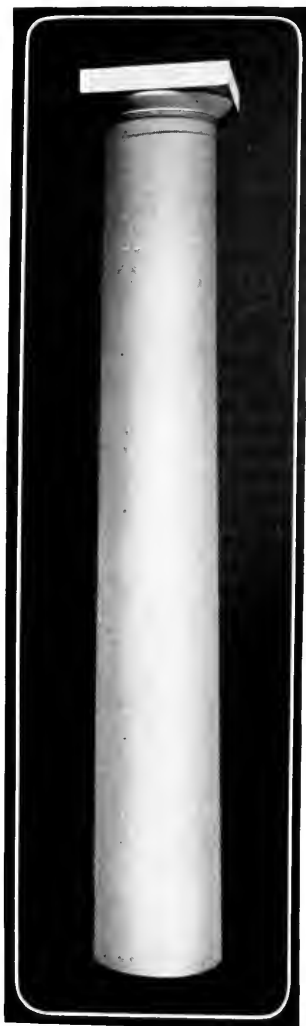
Square Columns from 6 in. to 10 in. made from 1¼-in. stock.
 Square Columns from 11 in. to 18 in. made from 1½-in. stock.
 Square Columns from 19 in. and over made from 2-in. stock.



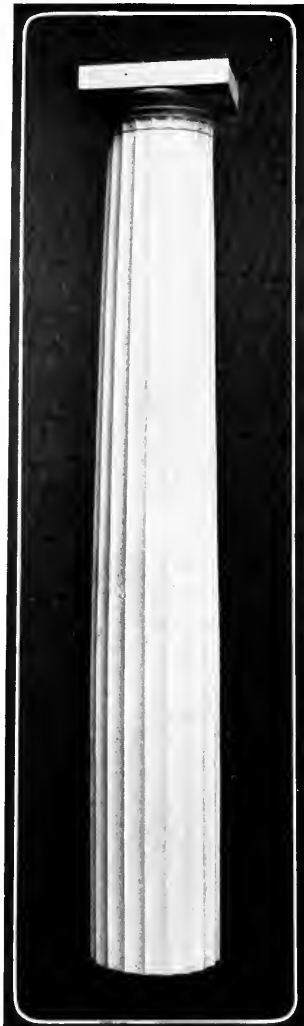
185

Special Columns made according to architect drawings will be executed with the greatest of care. Our experience with the subject of porch columns enables us to interpret intelligently the wants of the most discriminating architects.

Above prices subject to discount.



190



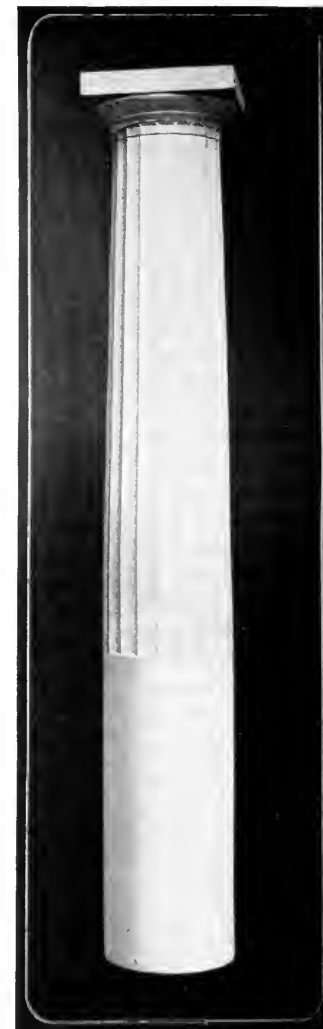
195

No. 190—GREEK DORIC COLUMN (Plain)

LENGTH											
Dia.	6	7	8	9	10	11	12	13	14	15	16
6"	4.60	4.84	5.23	5.71	6.66	.....	.....	.....	.....	.....	.....
7"	5.23	5.79	6.27	7.14	7.93	.....	.....	.....	.....	.....	.....
8"	6.19	6.82	7.46	8.01	8.65	.....	.....	.....	.....	.....	.....
9"	6.66	7.46	8.09	8.96	9.36	.....	.....	.....	.....	.....	.....
10"	7.10	7.69	8.65	9.60	10.23	.....	.....	.....	.....	.....	.....
11"	8.65	9.84	11.03	12.06	13.33	14.60	15.79	.....	.....	.....	.....
12"	9.60	10.95	12.14	13.41	14.84	16.03	17.30	.....	.....	.....	.....
13"	11.11	12.46	13.88	15.23	16.66	18.09	19.44	.....	.....	.....	.....
14"	12.46	13.96	15.55	16.98	18.49	20.07	21.50	23.01	24.60	.....	.....
15"	14.12	15.71	17.30	18.96	20.63	22.22	23.83	25.55	27.22	28.73	30.47
16"	14.68	16.34	18.09	19.68	21.35	23.01	24.68	26.33	28.01	29.68	31.19

Nos. 195 and 195²/₃—GREEK DORIC COLUMNS (Fluted)

LENGTH											
Dia.	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'
6"	5.71	6.42	7.38	8.33	9.04	.....	.....	.....	.....	.....	.....
7"	6.42	7.38	8.33	9.28	10.23	.....	.....	.....	.....	.....	.....
8"	8.57	10.00	11.19	12.38	13.57	.....	.....	.....	.....	.....	.....
9"	9.04	10.55	11.66	12.85	14.04	.....	.....	.....	.....	.....	.....
10"	9.76	11.19	12.62	14.04	15.47	.....	.....	.....	.....	.....	.....
11"	10.95	12.62	14.28	15.95	17.61	19.04	20.47	.....	.....	.....	.....
12"	12.14	14.04	15.71	17.38	19.28	20.95	22.61	.....	.....	.....	.....
13"	13.33	15.23	17.14	19.04	20.95	22.85	24.76	26.66	28.57	.....	.....
14"	14.76	16.90	19.04	20.95	23.09	25.23	27.14	29.28	31.42	.....	.....
15"	16.19	18.57	20.71	22.85	25.23	27.38	29.52	31.90	34.04	36.19	38.57
16"	17.85	20.23	22.61	25.00	27.38	29.76	32.14	34.52	36.90	39.28	41.66

195²/₃

All prices are F. O. B. Chicago, with freight allowed to nearest freight station. All Columns on this list made from 2-inch stock, selected grade of White Pine. If made in clear Redwood, deduct 10%. For interior Columns of clear Poplar add 20% to net price. Prices on larger Columns on application. Above prices subject to discount.



200

No. 200—TUSCAN COLUMN (Plain)

LENGTH

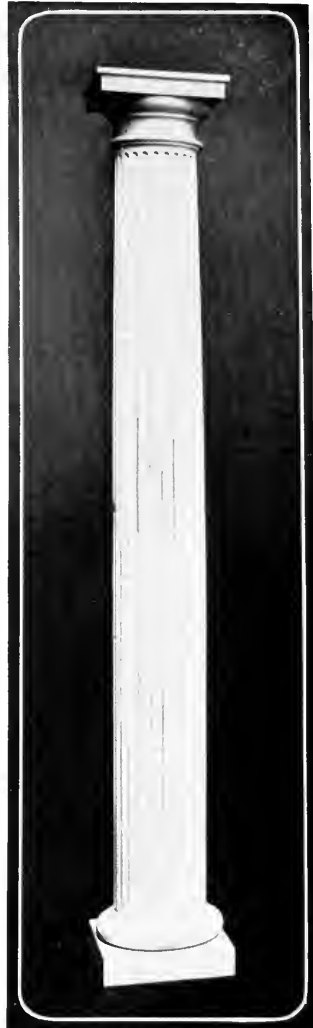
Dia.	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'
6"	4.68	5.23	5.63	6.11	6.50	.....	.....	.....	.....	.....	.....
7"	5.63	6.19	6.82	7.53	8.33	.....	.....	.....	.....	.....	.....
8"	6.66	7.30	7.93	8.49	9.12	.....	.....	.....	.....	.....	.....
9"	7.14	7.93	8.57	9.28	9.92	.....	.....	.....	.....	.....	.....
10"	7.46	8.25	9.20	10.15	11.11	.....	.....	.....	.....	.....	.....
11"	9.28	10.47	11.66	12.70	13.96	15.23	16.42	.....	.....	.....	.....
12"	10.31	11.66	12.93	14.12	15.55	16.74	18.01	.....	.....	.....	.....
13"	11.90	13.25	14.68	16.03	17.46	18.88	20.23	21.66	23.01	.....	.....
14"	13.33	14.84	16.42	17.85	19.36	20.95	22.38	23.88	25.47	.....	.....
15"	15.07	16.66	18.25	19.92	21.58	23.17	24.84	26.50	28.17	29.68	31.42
16"	15.87	17.54	19.20	20.87	22.54	24.20	25.87	27.54	29.20	30.87	32.54

No. 205—TUSCAN COLUMN (Fluted)

LENGTH

Dia.	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'
6"	5.31	5.95	6.42	7.06	7.46	.....	.....	.....	.....	.....	.....
7"	6.34	6.98	7.77	8.57	9.52	.....	.....	.....	.....	.....	.....
8"	7.61	8.33	9.12	9.84	10.47	.....	.....	.....	.....	.....	.....
9"	8.25	9.04	9.84	10.63	11.58	.....	.....	.....	.....	.....	.....
10"	8.57	9.52	10.63	11.66	12.70	.....	.....	.....	.....	.....	.....
11"	10.55	11.90	13.25	14.44	15.87	17.30	18.65	.....	.....	.....	.....
12"	11.74	13.25	14.68	16.03	17.69	19.04	20.47	.....	.....	.....	.....
13"	13.49	15.07	16.66	18.25	19.84	21.42	23.01	24.60	26.19	.....	.....
14"	15.07	16.82	18.57	20.23	21.98	23.80	25.47	27.14	28.88	.....	.....
15"	17.14	18.96	20.71	22.61	24.60	26.34	28.17	30.15	31.98	33.73	35.71
16"	18.09	20.00	21.90	23.80	25.71	27.61	29.52	31.42	33.33	35.55	37.14

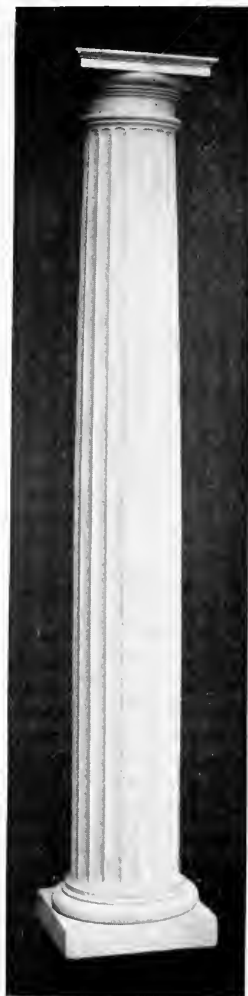
205



All prices are F. O. B. Chicago, with freight allowed to nearest freight station. All Columns on this list made from 2-inch stock, selected grade of White Pine. If made in clear Redwood, deduct 10%. For interior Columns of clear Poplar add 20% to net price. Prices on larger Columns on application. Above prices subject to discount.



210



215

No. 210—ROMAN DORIC COLUMN (Plain)

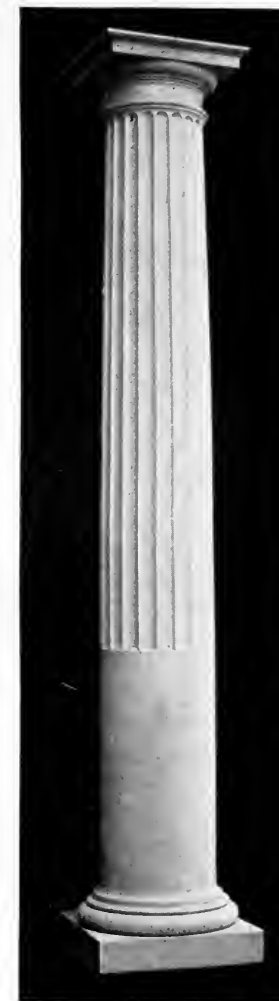
LENGTH

Dia.	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'
6"	4.76	5.31	5.71	6.19	6.58	.....	.....	.....	.....	.....	.....
7"	5.71	6.27	6.90	7.61	8.41	.....	.....	.....	.....	.....	.....
8"	6.82	7.46	8.09	8.65	9.12	.....	.....	.....	.....	.....	.....
9"	7.30	8.09	8.73	9.44	10.23	.....	.....	.....	.....	.....	.....
10"	7.61	8.41	9.36	10.31	11.27	.....	.....	.....	.....	.....	.....
11"	9.52	10.71	11.90	12.93	14.20	15.47	16.66	.....	.....	.....	.....
12"	10.55	11.90	13.17	14.36	15.79	16.98	18.25	.....	.....	.....	.....
13"	12.22	13.57	15.00	16.34	17.77	19.20	20.55	21.98	23.33	.....	.....
14"	13.65	15.15	16.74	18.17	19.68	21.27	22.69	24.20	25.79	.....	.....
15"	15.47	17.06	18.65	20.31	21.98	23.57	25.23	26.90	28.57	30.07	31.82
16"	16.27	17.93	19.60	21.27	22.93	24.60	26.27	27.93	29.60	31.27	32.93

COLUMNS Nos. 215 and 215 $\frac{2}{3}$ —ROMAN DORIC (Fluted)

LENGTH

Dia.	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'
6"	5.71	6.42	6.90	7.53	8.00	.....	.....	.....	.....	.....	.....
7"	6.74	7.46	8.33	9.28	10.15	.....	.....	.....	.....	.....	.....
8"	7.93	8.96	9.76	10.63	11.27	.....	.....	.....	.....	.....	.....
9"	8.57	9.76	10.63	11.50	12.54	.....	.....	.....	.....	.....	.....
10"	9.04	10.31	11.50	12.54	13.65	.....	.....	.....	.....	.....	.....
11"	11.42	12.85	14.28	15.55	17.06	18.57	20.00	.....	.....	.....	.....
12"	12.70	14.28	15.79	17.22	19.12	20.47	21.98	.....	.....	.....	.....
13"	14.60	16.27	17.93	19.68	21.35	23.01	24.68	26.35	28.09	.....	.....
14"	16.27	18.09	19.92	21.74	23.73	25.55	27.30	29.04	30.87	.....	.....
15"	18.57	20.39	22.54	24.36	26.50	28.33	30.23	32.30	34.28	36.11	38.25
16"	19.60	21.58	23.65	25.63	27.69	29.68	31.74	33.96	35.79	37.77	39.84

215 $\frac{2}{3}$

All prices are F. O. B. Chicago, with freight allowed to nearest freight station. All Columns on this list made from 2-inch stock, selected grade of White Pine. If made in clear Redwood, deduct 10%. For interior Columns of clear Poplar add 20% to net price. Prices on larger Columns on application. Above prices subject to discount.



220

No. 220—PLAIN COLUMN

Doric Cap Attic Base

LENGTH

Dia.	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'
6"	4.76	5.31	5.71	6.19	6.58	.....	.....	.....	.....	.....	.....
7"	5.71	6.27	6.90	7.61	8.41	.....	.....	.....	.....	.....	.....
8"	6.82	7.46	8.09	8.65	9.12	.....	.....	.....	.....	.....	.....
9"	7.30	8.09	8.73	9.44	10.23	.....	.....	.....	.....	.....	.....
10"	7.61	8.41	9.36	10.31	11.27	.....	.....	.....	.....	.....	.....
11"	9.52	10.71	11.90	12.93	14.20	15.47	16.66	.....	.....	.....	.....
12"	10.55	11.90	13.17	14.36	15.79	16.98	18.25	.....	.....	.....	.....
13"	12.22	13.57	15.00	16.34	17.77	19.20	20.55	21.98	23.33	.....	.....
14"	13.65	15.15	16.74	18.17	19.68	21.27	22.69	24.20	25.79	.....	.....
15"	15.47	17.06	18.65	20.31	21.98	23.57	25.23	26.90	28.57	30.07	31.82
16"	16.27	17.93	19.60	21.27	22.93	24.60	26.27	27.93	29.60	31.27	32.93

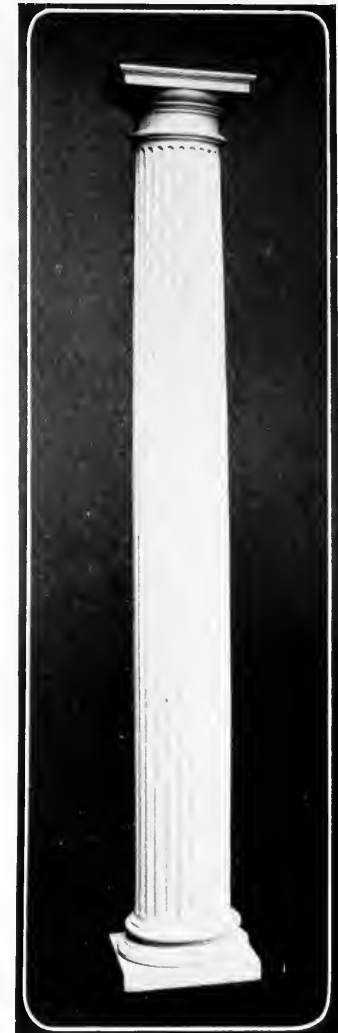
No. 225—FLUTED COLUMN

Doric Cap Attic Base

LENGTH

Dia.	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'
6"	5.39	6.03	6.50	7.14	7.53	.....	.....	.....	.....	.....	.....
7"	6.42	7.06	7.85	8.65	9.60	.....	.....	.....	.....	.....	.....
8"	7.77	8.49	9.28	10.00	10.55	.....	.....	.....	.....	.....	.....
9"	8.25	9.20	10.00	10.87	11.74	.....	.....	.....	.....	.....	.....
10"	8.73	9.68	10.79	11.82	12.85	.....	.....	.....	.....	.....	.....
11"	10.71	12.14	13.49	14.68	16.11	17.54	18.88	.....	.....	.....	.....
12"	11.98	13.49	14.92	16.27	17.77	19.28	20.79	.....	.....	.....	.....
13"	13.80	15.39	16.98	18.57	20.15	21.74	23.33	24.92	26.50	.....	.....
14"	15.39	17.14	18.88	20.47	22.30	24.12	25.79	27.46	29.20	.....	.....
15"	17.46	19.36	21.11	23.01	25.00	26.74	28.57	30.55	32.38	34.12	36.11
16"	18.49	20.39	22.30	24.20	26.11	28.01	29.92	31.82	33.73	35.71	37.54

225



All prices are F. O. B. Chicago, with freight allowed to nearest freight station. All Columns on this list made from 2-inch stock, selected grade of White Pine. If made in clear Redwood, deduct 10%. For interior Columns of clear Poplar add 20% to net price. Prices on larger Columns on application. Above prices subject to discount.



230

No. 230—PLAIN COLUMN
With Composition Roman Ionic Cap
Attic Bas

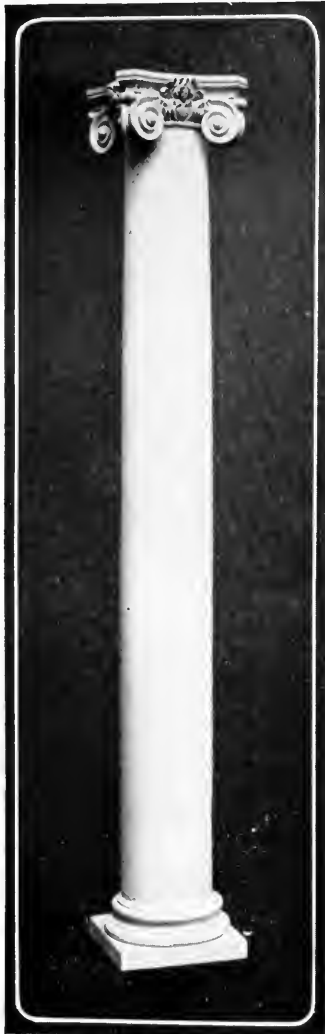
LENGTH												
Dia.	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'	
6"	5.87	6.42	6.82	7.30	7.69	.....	.....	.....	.....	.....	.....
7"	6.98	7.53	8.17	8.88	9.68	.....	.....	.....	.....	.....	.....
8"	8.17	8.80	9.44	10.00	10.47	.....	.....	.....	.....	.....	.....
9"	8.88	9.68	10.31	11.03	11.82	.....	.....	.....	.....	.....	.....
10"	9.36	10.15	11.11	12.06	13.01	.....	.....	.....	.....	.....	.....
11"	11.90	13.09	14.28	15.31	16.58	17.85	19.04	.....	.....	.....	.....
12"	13.09	14.44	15.71	16.90	18.33	19.52	20.79	.....	.....	.....	.....
13"	15.39	16.74	18.17	19.52	20.95	22.38	23.73	25.15	26.50	.....	.....
14"	17.54	19.04	20.63	22.06	23.57	25.15	26.58	28.09	29.68	.....	.....
15"	19.76	21.35	22.93	24.60	26.27	27.85	29.52	31.19	32.85	34.36	36.11	
16"	21.03	22.69	24.36	26.03	27.69	29.36	31.03	32.69	34.36	36.03	37.70	

No. 235—FLUTED COLUMN
With Composition Roman Ionic Cap
Attic Base

LENGTH												
Dia.	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'	
6"	6.50	7.14	7.61	8.25	8.73	.....	.....	.....	.....	.....	.....
7"	7.69	8.33	9.12	9.92	10.87	.....	.....	.....	.....	.....	.....
8"	9.12	9.84	10.63	11.35	11.90	.....	.....	.....	.....	.....	.....
9"	9.84	10.79	11.58	12.46	13.33	.....	.....	.....	.....	.....	.....
10"	10.47	11.42	12.54	13.57	14.60	.....	.....	.....	.....	.....	.....
11"	13.09	14.52	15.87	17.06	18.49	19.92	21.27	.....	.....	.....	.....
12"	14.52	16.03	17.46	18.80	20.31	21.82	23.33	.....	.....	.....	.....
13"	16.98	18.57	20.15	21.74	23.33	24.92	26.50	28.09	29.68	.....	.....
14"	19.28	21.03	22.77	24.36	26.19	28.01	29.68	31.34	33.09	.....	.....
15"	21.74	23.65	25.35	27.30	29.28	31.03	32.85	34.84	36.66	38.41	40.39	
16"	23.25	25.15	27.06	28.96	30.87	32.77	34.68	36.58	38.49	40.47	42.46	

235

All prices are F. O. B. Chicago, with freight allowed to nearest freight station. All Columns on this list made from 2-inch stock, selected grade of White Pine. If made in clear Redwood, deduct 10%. For interior Columns of clear Poplar add 20% to net price. Prices on larger Columns on application. Above prices subject to discount.



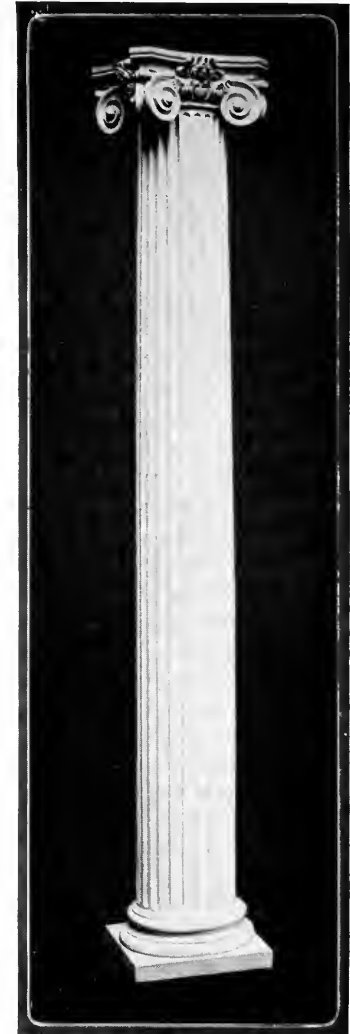
240

No. 240—PLAIN COLUMN
Composition Angular Scamozzi Ionic Cap
Attic Base

LENGTH											
Dia.	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'
6"	5.87	6.42	6.82	7.30	7.69	.....	.....	.....	.....	.....	.....
7"	6.98	7.53	8.17	8.88	9.68	.....	.....	.....	.....	.....	.....
8"	8.17	8.80	9.44	10.00	10.47	.....	.....	.....	.....	.....	.....
9"	8.88	9.68	10.31	11.03	11.82	.....	.....	.....	.....	.....	.....
10"	9.36	10.15	11.11	12.06	13.01	.....	.....	.....	.....	.....	.....
11"	11.90	13.09	14.28	15.31	16.58	17.85	19.04	.....	.....	.....	.....
12"	13.09	14.44	15.71	16.90	18.33	19.52	20.79	.....	.....	.....	.....
13"	15.39	16.74	18.17	19.52	20.95	22.38	23.73	25.15	26.50	.....	.....
14"	17.54	19.04	20.63	22.06	23.57	25.15	26.58	28.09	29.68	.....	.....
15"	19.76	21.35	22.93	24.60	26.27	27.85	29.52	31.19	32.85	34.36	36.11
16"	21.03	22.69	24.36	26.03	27.69	29.36	31.03	32.69	34.36	36.03	37.70

No. 245—FLUTED COLUMN
Composition Angular Scamozzi Ionic Cap
Attic Base

LENGTH											
Dia.	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'
6"	6.50	7.14	7.61	8.25	8.73	.....	.....	.....	.....	.....	.....
7"	7.69	8.33	9.12	9.92	10.87	.....	.....	.....	.....	.....	.....
8"	9.12	9.84	10.63	11.35	11.90	.....	.....	.....	.....	.....	.....
9"	9.84	10.79	11.58	12.46	13.33	.....	.....	.....	.....	.....	.....
10"	10.47	11.42	12.54	13.57	14.60	.....	.....	.....	.....	.....	.....
11"	13.09	14.52	15.87	17.06	18.49	19.92	21.27	.....	.....	.....	.....
12"	14.52	16.03	17.46	18.80	20.31	21.82	23.33	.....	.....	.....	.....
13"	16.98	18.57	20.15	21.74	23.33	24.92	26.50	28.09	29.68	.....	.....
14"	19.28	21.03	22.77	24.36	26.19	28.01	29.68	31.34	33.09	.....	.....
15"	21.74	23.65	25.35	27.30	29.28	31.03	32.85	34.84	36.66	38.41	40.39
16"	23.25	25.15	27.06	28.96	30.87	32.77	34.68	36.58	38.49	40.47	42.46



245

All prices are F. O. B. Chicago, with freight allowed to nearest freight station. All Columns on this list made from 2-inch stock, selected grade of White Pine. If made in clear Redwood, deduct 10%. For interior Columns of clear Poplar add 20% to net price. Prices on larger Columns on application. Above prices subject to discount.



250

No. 250—PLAIN COLUMN
With Composition Corinthian Cap
Attic Base

LENGTH

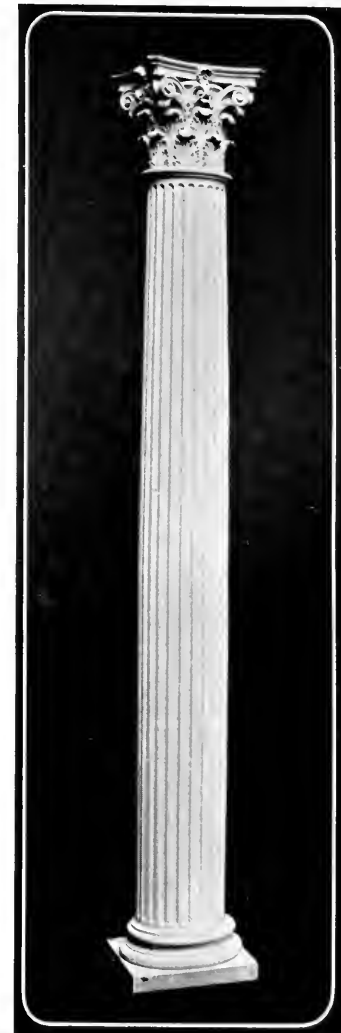
Dia.	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'
6"	6.34	6.90	7.30	7.77	8.17	.....	.....	.....	.....	.....	.....
7"	7.93	8.49	9.12	9.84	10.63	.....	.....	.....	.....	.....	.....
8"	9.20	9.84	10.47	11.03	11.50	.....	.....	.....	.....	.....	.....
9"	10.39	11.19	11.82	12.54	13.33	.....	.....	.....	.....	.....	.....
10"	10.95	11.74	12.70	13.65	14.60	.....	.....	.....	.....	.....	.....
11"	13.41	14.60	15.79	16.82	18.09	19.36	20.55	.....	.....	.....	.....
12"	14.84	16.19	17.46	18.65	20.07	21.27	22.54	.....	.....	.....	.....
13"	17.30	18.65	20.07	21.42	22.85	24.28	25.63	27.06	28.41	.....	.....
14"	19.60	21.11	22.69	24.12	25.63	27.22	28.65	30.15	31.74	.....	.....
15"	22.61	24.20	25.79	27.46	29.12	30.71	32.38	34.04	35.71	37.22	38.96
16"	25.00	26.66	28.33	30.00	31.66	33.33	35.00	36.66	38.33	40.00	41.66

No. 255—FLUTED COLUMN
With Composition Corinthian Cap
Attic Base

LENGTH

Dia.	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'
6"	6.98	7.61	8.09	8.73	9.12	.....	.....	.....	.....	.....	.....
7"	8.65	9.28	10.07	11.03	11.82	.....	.....	.....	.....	.....	.....
8"	10.15	10.87	11.66	12.38	12.78	.....	.....	.....	.....	.....	.....
9"	11.19	12.30	13.09	13.96	14.84	.....	.....	.....	.....	.....	.....
10"	12.06	13.01	14.12	15.15	16.19	.....	.....	.....	.....	.....	.....
11"	14.60	16.03	17.38	18.57	20.00	21.42	22.77	.....	.....	.....	.....
12"	16.26	17.77	19.20	20.55	22.06	23.57	25.07	.....	.....	.....	.....
13"	18.88	20.47	22.06	23.65	25.23	26.82	28.41	30.00	31.58	.....	.....
14"	21.35	23.09	24.84	26.42	28.25	30.07	31.74	33.41	35.16	.....	.....
15"	24.60	26.50	28.25	30.15	32.14	33.88	35.71	37.70	39.52	41.26	43.25
16"	27.22	29.12	31.03	32.93	34.84	36.74	38.65	40.55	42.46	44.44	46.27

255



All prices are F. O. B. Chicago, with freight allowed to nearest freight station. All Columns on this list made from 2-inch stock, selected grade of White Pine. If made in clear Redwood, deduct 10%. For interior Columns of clear Poplar add 20% to net price. Prices on larger Columns on application. Above prices subject to discount.



260

No. 260—PLAIN COLUMN
With Composition Greek Ionic Cap
Attic Base

LENGTH

Dia.	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'
6"	6.03	6.58	6.98	7.46	7.85	.....	.....	.....	.....	.....	.....
7"	7.14	7.69	8.33	9.04	9.84	.....	.....	.....	.....	.....	.....
8"	8.41	9.04	9.52	10.23	10.71	.....	.....	.....	.....	.....	.....
9"	9.12	9.92	10.55	11.27	12.06	.....	.....	.....	.....	.....	.....
10"	9.68	10.47	11.42	12.38	13.33	.....	.....	.....	.....	.....	.....
11"	12.22	13.41	14.60	15.63	16.90	18.17	19.36	.....	.....	.....	.....
12"	13.49	14.84	16.11	17.30	18.73	19.92	21.19	.....	.....	.....	.....
13"	15.79	17.14	18.57	19.92	21.35	22.77	27.30	25.55	26.90	.....	.....
14"	17.93	19.44	21.03	22.46	23.96	25.55	26.98	28.49	30.07	.....	.....
15"	20.15	21.74	23.33	25.00	26.66	28.25	29.92	31.58	33.25	34.76	36.50
16"	21.50	23.17	24.84	26.50	28.17	29.84	31.50	33.17	34.84	36.50	38.17

No. 265—FLUTED COLUMN
With Composition Greek Ionic Cap
Attic Base

LENGTH

Dia.	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'
6"	6.66	7.30	7.77	8.41	8.80	.....	.....	.....	.....	.....	.....
7"	7.85	8.49	9.28	10.07	11.03	.....	.....	.....	.....	.....	.....
8"	9.36	10.07	10.87	11.58	12.14	.....	.....	.....	.....	.....	.....
9"	10.07	11.03	11.82	12.70	13.57	.....	.....	.....	.....	.....	.....
10"	10.79	11.74	12.85	13.88	14.92	.....	.....	.....	.....	.....	.....
11"	13.41	14.84	16.19	17.38	18.80	20.23	21.58	.....	.....	.....	.....
12"	14.92	16.58	17.85	19.20	20.71	22.22	23.73	.....	.....	.....	.....
13"	17.38	18.96	20.55	22.14	23.73	25.31	26.90	28.49	30.07	.....	.....
14"	19.68	21.42	23.17	24.76	26.58	28.41	30.07	31.74	33.49	.....	.....
15"	22.14	24.04	25.79	27.69	29.68	31.42	33.25	35.23	37.06	38.80	40.79
16"	23.73	25.63	27.54	29.44	31.34	33.25	35.16	37.06	38.96	40.95	42.77

265

All prices are F. O. B. Chicago, with freight allowed to nearest freight station. All Columns on this list made from 2-inch stock, selected grade of White Pine. If made in clear Redwood, deduct 10%. For interior Columns of clear Poplar add 20% to net price. Prices on larger Columns on application. Above prices subject to discount.



270

No. 270—PLAIN COLUMN
With Composition Angular Greek Ionic Cap
Attic Base

LENGTH

Dia.	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'
6"	5.87	6.42	6.82	7.30	7.69	.....	.....	.....	.....	.....	.....
7"	6.98	7.53	8.17	8.88	9.68	.....	.....	.....	.....	.....	.....
8"	8.17	8.80	9.44	10.00	10.47	.....	.....	.....	.....	.....	.....
9"	8.88	9.68	10.31	11.03	11.82	.....	.....	.....	.....	.....	.....
10"	9.36	10.15	11.11	12.06	13.01	.....	.....	.....	.....	.....	.....
11"	11.90	13.09	14.28	15.31	16.58	17.85	19.04	.....	.....	.....	.....
12"	13.09	14.44	15.71	16.90	18.33	19.52	20.79	.....	.....	.....	.....
13"	15.39	16.74	18.17	19.52	20.95	22.38	23.73	25.15	26.50	.....	.....
14"	17.54	19.04	20.63	22.06	23.57	25.15	26.58	28.09	29.68	.....	.....
15"	19.76	21.35	22.93	24.60	26.27	27.85	29.52	31.19	32.85	34.36	36.11
16"	21.03	22.69	24.36	26.03	27.69	29.36	31.03	32.69	34.36	36.03	37.70

No. 275—FLUTED COLUMN
With Composition Angular Greek Ionic Cap
Attic Base

LENGTH

Dia.	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'
6"	6.50	7.14	7.61	8.25	8.73	.....	.....	.....	.....	.....	.....
7"	7.69	8.33	9.12	9.92	10.87	.....	.....	.....	.....	.....	.....
8"	9.12	9.84	10.63	11.35	11.90	.....	.....	.....	.....	.....	.....
9"	9.84	10.79	11.58	12.46	13.33	.....	.....	.....	.....	.....	.....
10"	10.47	11.42	12.54	13.57	14.60	.....	.....	.....	.....	.....	.....
11"	13.09	14.52	15.87	17.06	18.49	19.92	21.27	.....	.....	.....	.....
12"	14.52	16.03	17.46	18.80	20.31	21.82	23.33	.....	.....	.....	.....
13"	16.98	18.57	20.15	21.74	23.33	24.92	26.50	28.09	29.68	.....	.....
14"	19.28	21.03	22.77	24.36	26.19	28.01	29.68	31.34	33.09	.....	.....
15"	21.74	23.65	25.35	27.30	29.28	31.03	32.85	34.84	36.66	38.41	40.39
16"	23.25	25.15	27.06	28.96	30.87	32.77	34.68	36.58	38.49	40.47	42.46

275

All prices are F. O. B. Chicago, with freight allowed to nearest freight station. All Columns on this list made from 2-inch stock, selected grade of White Pine. If made in clear Redwood, deduct 10%. For interior Columns of clear Poplar add 20% to net price. Prices on larger Columns on application. Above prices subject to discount.



280

No. 280—PLAIN COLUMN
With Composition Angular Greek Ionic Cap
with Necking Attic Base

LENGTH

Dia.	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'
6"	6.19	6.74	7.14	7.61	8.01	.....	.....	.....	.....	.....	.....
7"	7.30	7.85	8.49	9.20	10.00	.....	.....	.....	.....	.....	.....
8"	8.57	9.20	9.84	10.39	10.87	.....	.....	.....	.....	.....	.....
9"	9.52	10.31	10.95	11.66	12.46	.....	.....	.....	.....	.....	.....
10"	10.23	11.03	11.98	12.93	13.88	.....	.....	.....	.....	.....	.....
11"	13.17	14.36	15.55	16.58	17.85	19.12	20.31	.....	.....	.....	.....
12"	14.52	15.87	17.14	18.33	19.76	20.95	22.22	.....	.....	.....	.....
13"	16.42	17.77	19.20	20.55	21.98	23.41	24.76	26.19	27.54	.....	.....
14"	18.88	20.39	21.98	23.41	24.92	26.50	27.93	29.44	31.03	.....	.....
15"	21.82	23.41	25.00	26.66	28.33	29.92	31.58	33.25	34.92	36.42	38.17
16"	23.41	25.07	26.74	28.41	30.07	31.74	33.41	35.08	36.74	38.41	40.07

No. 285—FLUTED COLUMN
With Composition Angular Greek Ionic Cap
with Necking Attic Base

LENGTH

Dia.	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'
6"	6.82	7.46	7.93	8.57	8.96	.....	.....	.....	.....	.....	.....
7"	8.01	8.65	9.44	10.23	11.19	.....	.....	.....	.....	.....	.....
8"	9.52	10.23	11.03	11.74	12.30	.....	.....	.....	.....	.....	.....
9"	10.55	11.50	12.30	13.07	14.04	.....	.....	.....	.....	.....	.....
10"	11.27	12.22	13.33	14.36	15.39	.....	.....	.....	.....	.....	.....
11"	13.88	15.31	16.66	17.85	19.28	20.71	22.06	.....	.....	.....	.....
12"	16.11	17.61	19.04	20.39	21.90	23.41	24.92	.....	.....	.....	.....
13"	18.57	20.15	21.74	23.33	24.92	26.50	28.09	29.68	31.26	.....	.....
14"	20.63	22.38	24.12	25.11	26.54	29.36	31.03	32.69	34.44	.....	.....
15"	23.41	25.31	27.06	28.96	30.95	32.69	34.52	36.50	38.33	40.07	42.06
16"	25.63	27.54	29.44	31.34	33.25	35.16	37.06	38.96	40.87	42.85	44.68

285

All prices are F. O. B. Chicago, with freight allowed to nearest freight station. All Columns on this list made from 2-inch stock, selected grade of White Pine. If made in clear Redwood, deduct 10%. For interior Columns of clear Poplar add 20% to net price. Prices on larger Columns on application. Above prices subject to discount.



290

No. 290—PLAIN COLUMN
With Composition Erechtheum Cap
Attic Base

LENGTH											
Dia.	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'
6"	6.19	6.74	7.14	7.61	8.01	.....	.....	.....	.....	.....	.....
7"	7.30	7.85	8.49	9.20	10.00	.....	.....	.....	.....	.....	.....
8"	8.57	9.20	9.84	10.39	10.87	.....	.....	.....	.....	.....	.....
9"	9.60	10.39	11.03	11.74	12.54	.....	.....	.....	.....	.....	.....
10"	10.15	10.95	11.90	12.85	13.80	.....	.....	.....	.....	.....	.....
11"	12.70	13.88	15.07	16.11	17.38	18.65	19.84	.....	.....	.....	.....
12"	14.68	16.03	17.30	18.49	19.92	21.11	22.38	.....	.....	.....	.....
13"	16.98	18.33	19.76	21.11	22.54	23.96	25.31	26.74	28.09	.....	.....
14"	18.88	20.39	21.98	23.41	24.92	26.50	27.93	29.44	31.03	.....	.....
15"	21.42	23.01	24.60	26.27	27.93	29.52	31.19	32.85	34.52	36.03	37.77
16"	23.41	25.07	26.74	28.41	30.07	31.74	33.41	35.08	36.74	38.41	40.07

No. 295—FLUTED COLUMN
With Composition Erechtheum Cap
Attic Base

LENGTH											
Dia.	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'
6"	6.82	7.46	7.93	8.57	8.96	.....	.....	.....	.....	.....	.....
7"	8.01	8.65	9.44	10.23	11.19	.....	.....	.....	.....	.....	.....
8"	9.52	10.23	11.03	11.74	12.30	.....	.....	.....	.....	.....	.....
9"	10.31	11.42	12.22	13.09	13.96	.....	.....	.....	.....	.....	.....
10"	11.35	12.30	13.41	14.44	15.47	.....	.....	.....	.....	.....	.....
11"	14.36	15.79	17.14	18.33	19.76	21.19	22.54	.....	.....	.....	.....
12"	15.95	17.46	18.88	20.23	21.74	23.25	24.76	.....	.....	.....	.....
13"	18.01	19.60	21.19	22.77	24.36	25.95	27.54	29.12	30.71	.....	.....
14"	20.63	22.38	24.12	25.11	27.54	29.36	31.03	32.69	34.44	.....	.....
15"	23.80	25.71	27.46	29.36	31.34	33.09	34.92	36.96	38.73	40.47	42.46
16"	25.63	27.54	29.44	31.34	33.25	35.16	37.06	38.96	40.87	42.85	44.68

295

All prices are F. O. B. Chicago, with freight allowed to nearest freight station. All Columns on this list made from 2-inch stock, selected grade of White Pine. If made in clear Redwood, deduct 10%. For interior Columns of clear Poplar add 20% to net price. Prices on larger Columns on application. Above prices subject to discount.

No. 300—PLAIN COLUMN
With Composition Renaissance Cap
Attic Base

LENGTH

Dia.	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'
6"	6.34	6.90	7.30	7.77	8.17	.....	.....	.....	.....	.....	.....
7"	7.93	8.49	9.12	9.84	10.63	.....	.....	.....	.....	.....	.....
8"	9.20	9.84	10.47	11.03	11.50	.....	.....	.....	.....	.....	.....
9"	10.39	11.19	11.82	12.54	13.33	.....	.....	.....	.....	.....	.....
10"	10.95	11.74	12.70	13.65	14.60	.....	.....	.....	.....	.....	.....
11"	13.41	14.60	15.79	16.82	18.09	19.36	20.55	.....	.....	.....	.....
12"	14.84	16.19	17.46	18.65	20.07	21.27	22.54	.....	.....	.....	.....
13"	17.30	18.65	20.07	21.42	22.85	24.28	25.63	27.06	28.41	.....	.....
14"	19.60	21.11	22.69	24.12	25.63	27.22	28.65	30.15	31.74	.....	.....
15"	22.61	24.20	25.79	27.46	29.12	30.71	32.38	34.04	35.71	37.22	38.96
16"	25.00	26.66	28.33	30.00	31.66	33.33	35.00	36.66	38.33	40.00	41.66

No. 305—FLUTED COLUMN
With Composition Renaissance Cap
Attic Base

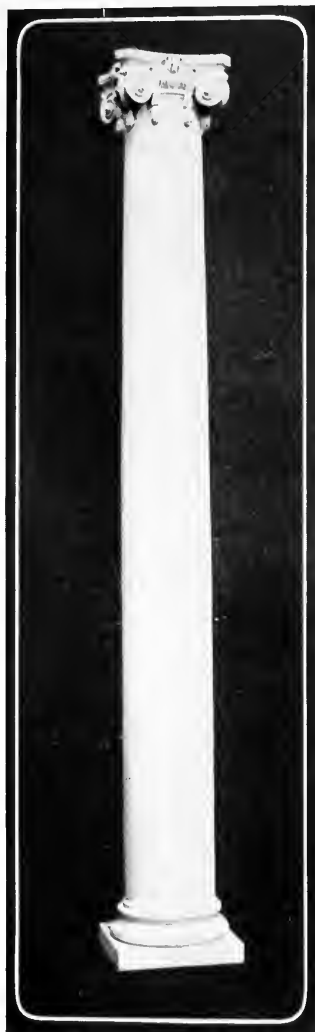
LENGTH

Dia.	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'
6"	6.98	7.61	8.09	8.73	9.12	.....	.....	.....	.....	.....	.....
7"	8.65	9.28	10.07	11.03	11.82	.....	.....	.....	.....	.....	.....
8"	10.15	10.87	11.66	12.38	12.78	.....	.....	.....	.....	.....	.....
9"	11.19	12.30	13.09	13.96	14.84	.....	.....	.....	.....	.....	.....
10"	12.06	13.01	14.12	15.15	16.19	.....	.....	.....	.....	.....	.....
11"	14.60	16.03	17.38	18.57	20.00	21.42	22.77	.....	.....	.....	.....
12"	16.26	17.77	19.20	20.55	22.06	23.57	25.07	.....	.....	.....	.....
13"	18.88	20.47	22.06	23.65	25.23	26.82	28.41	30.00	31.58	.....	.....
14"	21.35	23.09	24.84	26.42	28.25	30.07	31.74	33.41	35.16	.....	.....
15"	24.60	26.50	28.25	30.15	32.14	33.88	35.71	37.70	39.52	41.26	43.25
16"	27.22	29.12	31.03	32.93	34.84	36.74	38.65	40.55	42.46	44.44	46.27

300

305

All prices are F. O. B. Chicago, with freight allowed to nearest freight station. All Columns on this list made from 2-inch stock, selected grade of White Pine. If made in clear Redwood, deduct 10%. For interior Columns of clear Poplar add 20% to net price. Prices on larger Columns on application. Above prices subject to discount.



310

No. 310—PLAIN COLUMN
With Composition Angular Ionic Cap with
Pendants Attic Base

LENGTH

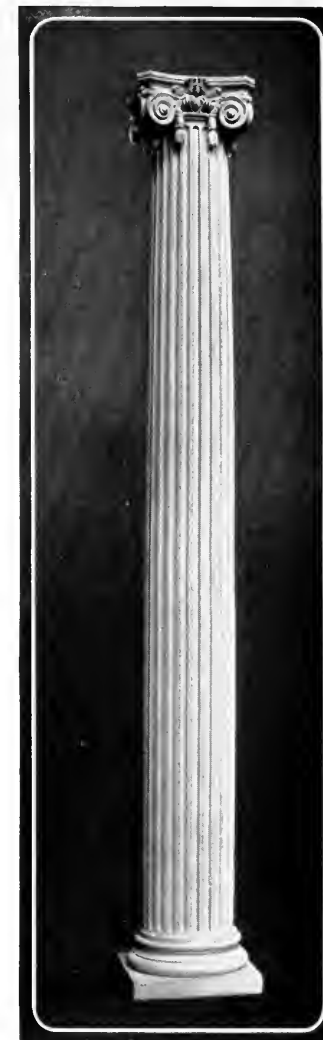
Dia.	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'
6"	6.19	6.74	7.14	7.61	8.01	.....	.....	.....	.....	.....	.....
7"	7.30	7.85	8.49	9.20	10.00	.....	.....	.....	.....	.....	.....
8"	8.57	9.20	9.84	10.39	10.87	.....	.....	.....	.....	.....	.....
9"	9.52	10.31	10.95	11.66	12.46	.....	.....	.....	.....	.....	.....
10"	10.23	11.03	11.98	12.93	13.88	.....	.....	.....	.....	.....	.....
11"	13.17	14.36	15.55	16.58	17.85	19.12	20.31	.....	.....	.....	.....
12"	14.52	15.87	17.14	18.33	19.76	20.95	22.22	.....	.....	.....	.....
13"	16.42	17.77	19.20	20.55	21.98	23.41	24.76	26.19	27.54	.....	.....
14"	18.88	20.39	21.98	23.41	24.92	26.50	27.93	29.44	31.03	.....	.....
15"	21.82	23.41	25.00	26.66	28.33	29.92	31.58	33.25	34.92	36.42	38.17
16"	23.41	25.07	26.74	28.41	30.07	31.74	33.41	35.08	36.74	38.41	40.07

No. 315—FLUTED COLUMN
With Composition Angular Ionic Cap with
Pendants Attic Base

LENGTH

Dia.	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'
6"	6.82	7.46	7.93	8.57	8.96	.....	.....	.....	.....	.....	.....
7"	8.01	8.65	9.44	10.23	11.19	.....	.....	.....	.....	.....	.....
8"	9.52	10.23	11.03	11.74	12.30	.....	.....	.....	.....	.....	.....
9"	10.31	11.42	12.22	13.09	13.96	.....	.....	.....	.....	.....	.....
10"	11.35	12.30	13.41	14.44	15.47	.....	.....	.....	.....	.....	.....
11"	14.36	15.79	17.14	18.33	19.76	21.19	22.54	.....	.....	.....	.....
12"	15.95	17.46	18.88	20.23	21.74	23.25	24.76	.....	.....	.....	.....
13"	18.01	19.60	21.19	22.77	24.36	25.95	27.54	29.12	30.71	.....	.....
14"	20.63	22.38	24.12	25.11	27.54	29.36	31.03	32.69	34.44	.....	.....
15"	23.80	25.71	27.46	29.36	31.34	33.09	34.92	36.96	38.73	40.47	42.46
16"	25.63	27.54	29.44	31.34	33.25	35.16	37.06	38.96	40.87	42.85	44.68

315



All prices are F. O. B. Chicago, with freight allowed to nearest freight station. All Columns on this list made from 2-inch stock, selected grade of White Pine. If made in clear Redwood, deduct 10%. For interior Columns of clear Poplar add 20% to net price. Prices on larger Columns on application. Above prices subject to discount.



320

No. 320—PLAIN COLUMN
With Composition Composite Cap
Attic Base

LENGTH

Dia.	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'
6"	7.77	8.33	8.73	9.20	9.60	.....	.....	.....	.....	.....	.....
7"	8.88	9.44	10.07	10.79	11.58	.....	.....	.....	.....	.....	.....
8"	10.15	10.79	11.42	11.98	12.46	.....	.....	.....	.....	.....	.....
9"	11.19	12.14	12.78	13.49	14.28	.....	.....	.....	.....	.....	.....
10"	12.38	13.17	14.12	15.07	16.03	.....	.....	.....	.....	.....	.....
11"	14.68	15.87	17.06	18.09	19.36	20.63	21.82	.....	.....	.....	.....
12"	16.11	17.46	18.73	19.92	21.35	22.54	23.80	.....	.....	.....	.....
13"	18.65	20.00	21.42	22.77	24.20	25.63	26.98	28.41	29.76	.....	.....
14"	20.95	22.46	24.04	25.47	26.98	28.57	30.00	31.50	33.09	.....	.....
15"	23.80	25.39	26.98	28.65	30.31	31.90	33.57	35.23	36.90	38.41	40.15
16"	25.79	27.46	29.12	30.79	32.46	34.12	35.79	37.46	39.12	40.79	42.46

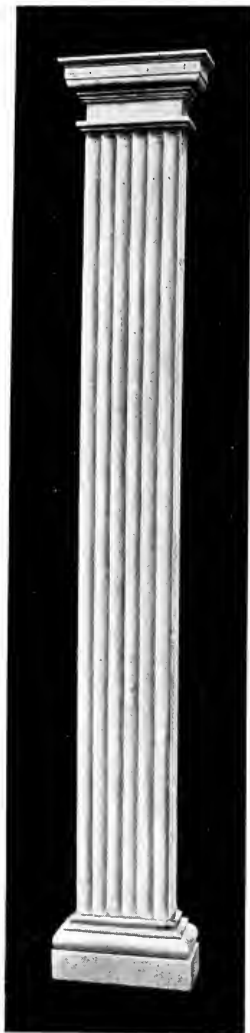
No. 325—FLUTED COLUMN
With Composition Composite Cap
Attic Base

LENGTH

Dia.	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'
6"	8.41	9.04	9.52	10.15	10.55	.....	.....	.....	.....	.....	.....
7"	9.60	10.23	11.03	11.82	12.78	.....	.....	.....	.....	.....	.....
8"	11.11	11.82	12.62	13.33	13.88	.....	.....	.....	.....	.....	.....
9"	12.30	13.25	14.04	14.92	15.79	.....	.....	.....	.....	.....	.....
10"	13.49	14.44	15.55	16.58	17.61	.....	.....	.....	.....	.....	.....
11"	15.87	17.30	18.65	19.84	21.27	22.69	24.04	.....	.....	.....	.....
12"	17.54	19.04	20.47	21.82	23.33	24.84	26.34	.....	.....	.....	.....
13"	20.23	21.82	23.41	25.00	26.58	28.17	29.76	31.34	32.93	.....	.....
14"	22.69	24.44	26.19	27.77	29.60	31.42	33.00	34.76	36.50	.....	.....
15"	25.79	27.69	29.44	31.34	33.33	35.08	36.90	38.88	40.71	42.46	44.44
16"	28.01	29.92	31.82	33.73	35.63	37.54	39.44	41.34	43.25	45.23	47.06

325

All prices are F. O. B. Chicago, with freight allowed to nearest freight station. All Columns on this list made from 2-inch stock, selected grade of White Pine. If made in clear Redwood, deduct 10%. For interior Columns of clear Poplar add 20% to net price. Prices on larger Columns on application. Above prices subject to discount.



215 F



220 F



240 F



255 F

We have every facility for making Pilaster and Square Columns. We match fluting of shaft and moulding of caps and bases, also composition caps when ordered with columns. See directions for ordering Pilasters and Square Columns on page 6.

PERGOLAS



The exposure columns are subjected to, when used for work of this character, necessitates the use of a shaft whose staves are not merely held together by glue, but are united by interlocking surfaces of approved design.

The absolute security of our "Koll's Patent" lock joint and the reputation it has made during the past sixteen years, warrants our proposals to furnish our columns for pergola or other work with the guarantee that they will not come apart.

Our drafting department is at your disposal to assist in developing ideas for the erection of a Pergola. Upon request, with an approximate idea of the space the Pergola is intended to occupy we would be glad to submit a sketch and the cost of same.

Our experience in this class of work enables us to advise intelligently on this very interesting garden feature.

Send for our Catalog No. 28 on Pergolas and Garden Furniture.

HARDWOOD COLUMNS

We furnish columns in all hardwoods for interior purposes. Our method of construction enables us to use the most expensive woods, at a minimum cost. All stock is properly time seasoned and kiln dried. Columned openings furnished complete. Designs and price for same submitted on application.

Following are prices on columns based on Plain Red and White Oak, Unselected Red Birch or Chestnut.

For Quarter sawed White or Red Oak, add 30 per cent.

For African Mahogany, add 60 per cent.

For Curly Red Birch, add 60 per cent.

All other woods on application.

We publish Catalog 35 on Interior Columned Openings. Will be sent on request.

Plain Columns—No. 220

Dia.	4'	5'	6'	7'	8'	9'	10'
4"	4.50	4.88	5.63	6.00	.....	.....	.....
5"	4.80	5.48	6.00	6.53	7.05	.....	.....
6"	5.25	6.38	7.50	8.67	9.50	.....	.....
7"	6.00	7.35	8.48	9.45	10.55	.....	.....
8"	7.20	8.30	9.50	10.80	11.65	12.75	.....
9"	7.70	9.12	10.56	12.00	13.05	14.30	.....
10"	8.30	9.95	11.65	13.26	14.92	15.85	.....
11"	9.50	11.20	12.98	15.00	16.98	18.65	20.25
12"	10.56	12.44	14.32	16.20	18.10	20.70	23.25

Fluted Columns—No. 225

Dia.	4'	5'	6'	7'	8'	9'	10'
4"	6.00	6.38	7.12	7.50	.....	.....	.....
5"	6.30	6.98	7.50	8.04	.....	.....	.....
6"	7.12	8.25	9.38	10.55	11.38	.....	.....
7"	8.25	9.60	10.72	11.70	12.80	.....	.....
8"	9.82	10.92	12.12	13.44	14.25	15.38	.....
9"	11.06	12.50	13.94	15.38	16.42	17.68	.....
10"	12.04	13.70	15.38	17.00	18.68	19.58	.....
11"	13.70	15.40	17.20	19.12	21.10	22.75	24.35
12"	15.06	16.94	18.82	20.70	22.60	25.22	27.75

Our knowledge of classic columns in relation to the various styles of Architecture is at your disposal, and we would be pleased to answer any question pertaining to this very interesting subject.

VENEERED COLUMNS

We have special advantages for manufacturing veneered columns in all woods. The core is made with our Lock Joint construction and veneered according to modern methods. Prices are the lowest possible consistent with superior quality. The prices are based on veneer in either plain Red Oak, Quarter Sawed Red or White Oak, curly or plain Red Birch and Chestnut.

For Mahogany add 25 per cent.

For all other veneers, price on application.

Veneered Columns—No. 220

Dia.	4'	5'	6'	7'	8'	9'	10'
4"	4.95	5.63	6.30	7.05	.....	.....	.....
5"	5.63	6.60	7.50	8.40	.....	.....	.....
6"	6.40	7.50	8.84	10.10	.....	.....	.....
7"	7.32	8.75	10.20	11.62	13.20	.....	.....
8"	8.25	9.98	11.55	13.12	14.70	16.00	.....
9"	9.75	11.33	12.95	14.55	16.35	17.95	.....
10"	11.33	12.68	14.32	16.12	18.00	19.95	21.75
11"	12.28	14.35	16.55	18.56	20.80	22.98	25.12
12"	13.20	16.00	18.75	21.00	23.80	26.00	28.50

**Veneered Columns—No. 240
With Angular Ionic Composition
Cap (Scamozzi)**

Dia.	4'	5'	6'	7'	8'	9'	10'
4"	5.70	6.38	7.05	7.65	.....	.....	.....
5"	6.68	7.65	8.55	9.45	.....	.....	.....
6"	7.90	9.00	10.35	11.60	.....	.....	.....
7"	9.25	10.70	12.15	13.58	15.15	.....	.....
8"	10.65	12.38	13.95	15.53	17.10	18.40	.....
9"	12.60	14.18	15.80	17.48	19.20	20.80	.....
10"	14.70	16.05	17.70	19.50	21.38	23.30	25.12
11"	16.40	18.48	20.66	22.70	24.90	27.10	29.50
12"	18.45	21.30	24.00	26.25	29.00	31.28	33.75

We quote the above design to show the comparative difference in price between a wood cap as shown on our No. 220 and wood and compo cap priced above.

All the ornamental caps shown in catalogue can be furnished in wood and compo at a slight increase in price over the Scamozzi cap. Prices for these on application.

COMPOSITION CAPITALS

We manufacture our own capitals of Composition, or Staff, for Columns and Pilasters.

We are prepared to fill orders for caps only, if desired, from 3 to 40 inches in diameter, and of any design. Our stock models are made of the proportions called for by the various orders of architecture. Caps of conventional design are modeled with very pleasing lines and of proper proportions.

Our work will be found clean and well executed. Our experience as column specialists, together with the fact that we employ none but the best artisans, assures satisfactory results.

We keep in stock for prompt shipment the sizes and styles of caps most frequently called for.

Caps for exterior use are treated to withstand the deteriorating influence of the weather. Those for interior use can be stained to match any color woodwork.

These capitals will not shrink, check or decay. The material being fibrous in character, may be sawed, nailed or screwed; but being of mineral composition, is not affected by atmospheric conditions.

We can furnish any style cap carved in hard or soft wood; prices on application.

The tops of exterior caps should **always be flashed** with sheet lead or copper. This is **important** and should not be overlooked. See Page 5.

INSTRUCTIONS FOR ORDERING COMPOSITION CAPS

In ordering capitals, give number and size required and state whether for **exterior** or **interior** use.

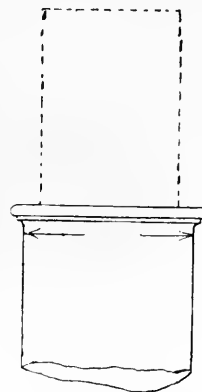


Fig. 1

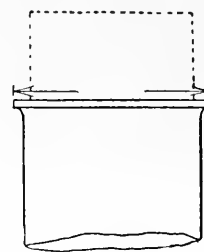


Fig. 2

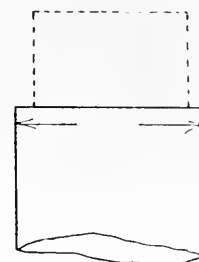


Fig. 3

Various ways of finishing Columns to receive Composition Caps

Diameter of column should be taken where shown on figure 1, page 5, for Corinthian, Erechtheum, Composite, Angular Greek with necking, Scamozzi with necking and Renaissance capitals, and on figure 2 or 3, whichever way neck of shaft is turned for other caps shown in catalogue.

WOOD DOWEL—Dotted lines indicate wood dowel or core which is to be used to carry the weight imposed on column. This will be made about $\frac{1}{8}$ inch longer than height of caps. For capitals with 5 inches to 11 inches diameter neck, make dowel $1\frac{1}{4}$ inch smaller in diameter; 12 inches to 16 inches capitals, $1\frac{1}{2}$ inch smaller, and for 17 inches to 24 inches capitals, $1\frac{3}{4}$ inches; 25 inches to 30 inches, $2\frac{1}{4}$ inches.

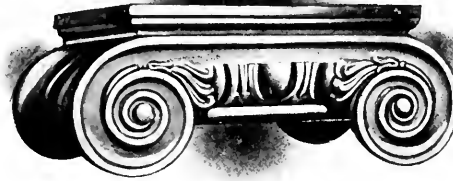
PILASTER CAPS—Unless otherwise specified, pilaster capitals will be furnished with same shaft measurement as column capitals and returning one-half.

COVE MOULDING—All capitals are furnished without cove molding.

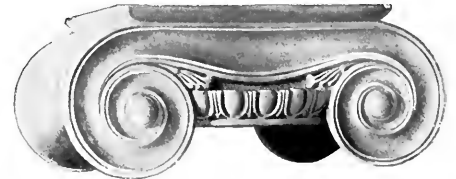
Note line drawing of section of columns and pilasters on page 6 before ordering.



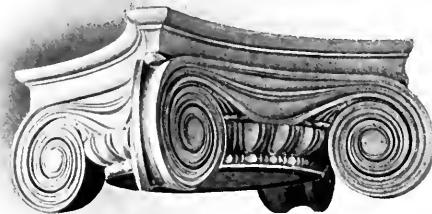
Scamozzi. (See page 31.)



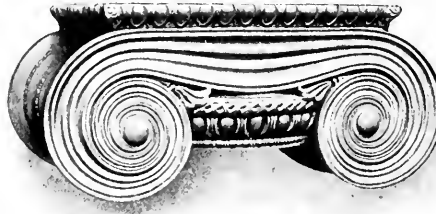
Roman Ionic. (Page 30.)



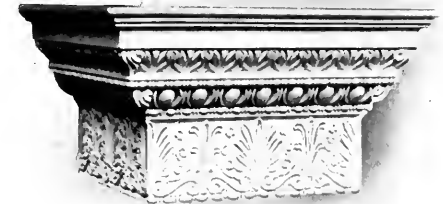
Greek Ionic. (Page 33.)



Angular Greek Ionic. (Page 34.)



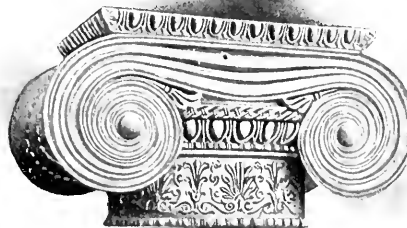
Erechtheum. No Necking.



Erechtheum Antae.



Angular Ionic with Pendants.
(Page 38.)



Erechtheum. (Page 36.)
See prices on Page 46



Modern Ionic.

Price on Roman Ionic and Scamozzi

Dia.	Price	Dia.	Price
4 inch.....	\$.95	10 inch.....	\$2.35
5 ".....	1.05	11 ".....	3.00
6 ".....	1.20	12 ".....	3.65
7 ".....	1.35	13 ".....	4.35
8 ".....	1.50	14 ".....	5.25
9 ".....	1.95	15 ".....	6.40

Price on Greek Ionic and Angular Greek Ionic

Dia.	Price	Dia.	Price
4 inch.....	\$.95	10 inch.....	\$2.55
5 ".....	1.10	11 ".....	3.15
6 ".....	1.30	12 ".....	3.85
7 ".....	1.50	13 ".....	4.80
8 ".....	1.75	14 ".....	5.80
9 ".....	2.10	15 ".....	6.90

Price on Corinthian, Composite and Temple of Winds

Dia.	Price	Dia.	Price
4 inch.....	\$1.30	10 inch.....	\$4.10
5 ".....	1.50	11 ".....	4.85
6 ".....	2.00	12 ".....	5.65
7 ".....	2.50	13 ".....	6.55
8 ".....	3.00	14 ".....	7.75
9 ".....	3.55	15 ".....	9.00

Price on Ercchtheum (Antae) and Ercchtheum, no Necking

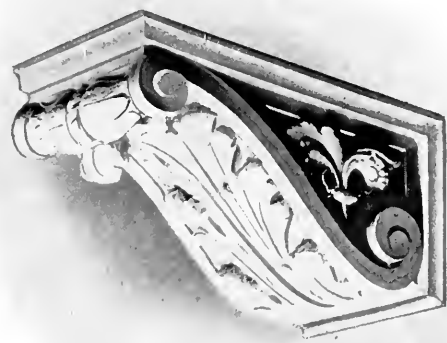
Dia.	Price	Dia.	Price
4 inch.....	\$.95	10 inch.....	\$2.40
5 ".....	1.05	11 ".....	3.10
6 ".....	1.20	12 ".....	3.75
7 ".....	1.35	13 ".....	4.50
8 ".....	1.55	14 ".....	5.60
9 ".....	2.00	15 ".....	6.70

Price on Scamozzi with Necking and Scamozzi with Pendants

Dia.	Price	Dia.	Price
4 inch.....	\$1.05	10 inch.....	\$3.25
5 ".....	1.35	11 ".....	3.95
6 ".....	1.50	12 ".....	4.90
7 ".....	1.80	13 ".....	5.85
8 ".....	2.10	14 ".....	6.80
9 ".....	2.70	15 ".....	7.80

Price on Angular Greek Ionic with Necking and Ercchtheum

Dia.	Price	Dia.	Price
4 inch.....	\$1.05	10 inch.....	\$3.25
5 ".....	1.35	11 ".....	3.95
6 ".....	1.50	12 ".....	4.90
7 ".....	1.80	13 ".....	5.85
8 ".....	2.10	14 ".....	6.80
9 ".....	2.70	15 ".....	7.80



Prices on Caps of larger sizes
on application

Send us your list for
estimate on
Composition Brackets





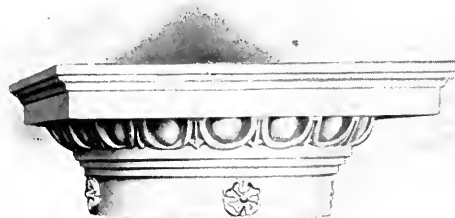
Corinthian. (Page 32.)



Angular Greek Ionic with Necking.
(Page 35.)



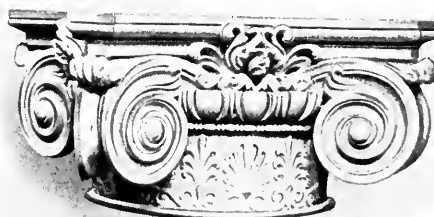
Temple of Winds.



Doric.



Renaissance. (Page 37.)



Scamozzi with Necking.

See prices page 46



Composite. (Page 39.)

There is no argument in favor of our goods as strong as our record.



COLONIAL ENTRANCES.

